

**TELEPHONE INTERFACE FOR COMMUNICATING WITH EMBEDDED  
DEVICES THROUGH A GATEWAY AND ALLOWING ACCESS FROM A  
REMOTE SERVICE PROVIDER**

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**ABSTRACT OF THE DISCLOSURE**

A telephone network interface is disclosed for facilitating communications through  
10 use of a telephone with an embedded device through a gateway and for facilitating  
communications between a remote service provider and the gateway. The telephone network  
interface includes a telephone interface for electronic communication with a telephone. The  
telephone network also includes a gateway interface for electronic communications with a  
gateway. An external telephone network interface is included for connecting the telephone  
15 network interface to an external telephone network. In addition, connection control is also  
provided. Connection control causes the telephone to be selectively in electronic  
communication with the external telephone network for telephone calls. The connection  
control also selectively causes the telephone to be in electronic communication with the  
gateway for communicating with an embedded device such that device requests from the  
20 telephone are communicated to the gateway. The gateway is in electronic communication  
with the embedded device. The connection control further selectively causes the gateway to  
be in electronic communication with the external telephone network to enable electronic  
communications between a control service provider and the gateway.

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